RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	MMM MMM MMM RR MMMMMM	MMM	\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$	SSSSS
RRR RI RRR RI RRR RI	RR MMMMMM RR MMMMMM RR MMM MMM RR MMM MMM	MMMMMM SSS MMMMMMM SSS MMM SSS MMM SSS		
RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	RR MMM MMM MMM MMM MMM MMM	MMM	\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$	SS SS
RRR RRR RRR RRR RRR RRR	MMM MMM MMM	MMM MMM MMM		\$\$\$ \$\$\$ \$\$\$ \$\$\$ \$\$\$
RRR RI	MMM RR MMM RR MMM RR MMM	MMM SSS	\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$	SS

_\$2

NTS NTS NTS NTS NTS NTS

NT: NT: NT: NT: NT: NT: NT: NT: NT:

NT NT NT NT NT NT

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MM MMM MMMM MM MM MM MM MM MM MM MM MM

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RRRRRRRR RR	MM	333333 3333333 3333333 3333333 3333333 3333
		\$
		SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS

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RM VC

RM

VAX-11 Bliss-32 V4.0-742 Page DISK\$VMSMASTER: [RMS.SRC]RM3XSUMO.B32;1

```
J 2
16-Sep-1984 02:12:58
14-Sep-1984 13:01:46
RM3XSUMO
V04-000
                                                                                                                                 VAX-11 Bliss-32 V4.0-742 Page 2
DISK$VMSMASTER: [RMS.SRC]RM3XSUMO.B32;1 (1)
     0058
00560
000663
000667
000677
000773
001445
00148
00148
                                                           Reorganize psects
                                               VO2-004 REFORMAT
                                                                                   D M WALP
                                                                                                          24-JUL-1980
                                               V02-003 CDS0001
                                                           CDS0001 C D SAETHER 13-MAR-
return OK_NOP alt success if block i/o
                                                                                                         13-MAR-1980
                                      REVISION HISTORY:
                                         Wendy Koenig, 24-001-78 14:03 x0002 - make changes caused by sharing conventions
                                   LIBRARY 'RMSLIB: RMS';
                                  REQUIRE 'RMSSRC:RMSIDXDEF';
                                   ! define default psects for code
                                1 PSECT
                                         CODE = RM$RMS3(PSECT_ATTR),
PLIT = RM$RMS3(PSECT_ATTR);
                                   Linkages
                                1 LINKAGE
                                        L_XSUMO;
```

```
K 2
16-Sep-1984 02:12:58
14-Sep-1984 13:01:46
RM3XSUMO
V04-000
                                                                                                                                                   VAX-11 Bliss-32 V4.0-742 Page DISK$VMSMASTER:[RMS.SRC]RM3XSUMO.B32;1
                          0010155456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456
                                        GLOBAL ROUTINE RM$XSUMO3 (XAB, FLAGS) : RL$XSUMO =
   FUNCTIONAL DESCRIPTION:
                                                     This subroutine fills in the various fields in the summary xab by extracting info from the IFAB.
                                                     It also makes certain that there is only one summary XAB and if not jumps to an error routine in XAB_SCAN via a bliss/mars interface
                                                     routine.
                                           CALLING SEQUENCE:
                                                     BSBW
                                                                   RM$XSUMO3
                                           INPUT PARAMETERS:
                                                                 (XAB), XAB address (flags), to make sure this is the only SUMMARY XAB
                                           IMPLICIT INPUTS:
                                                     IFAB -
                                                                                        number of areas
number of keys
prologue version
open for block i/o if set
                                                                    - [XAMA]
                                                                   [NUM_KEYS] -
[PLG_VER] -
[BIO] -
                                           OUTPUT PARAMETERS:
                                                     NONE
                                           IMPLICIT OUTPUTS:
                                                     SUMMARY XAB fields filled in and RMSERR(IMX) status code
                                           ROUTINE VALUE:
                                                     NONE
                                           SIDE EFFECTS:
                                                     NONE
                                               BEGIN
                                                    define common registers
                                               EXTERNAL LITERAL
                                                     XBC$C_OPNSUM3;
                                               EXTERNAL REGISTER
                                                      COMMON_FAB_STR;
                                               MAP
```

RIV

```
RM3XSUMO
V04-000
                                                                                 16-Sep-1984 02:12:58
14-Sep-1984 13:01:46
                                                                                                                VAX-11 Bliss-32 V4.0-742 Page DISK$VMSMASTER:[RMS.SRC]RM3XSUMO.B32;1
                                                   : BITVECTOR [32],
: REF BBLOCK;
                                        FLAGS
   XAB
                                      just to make sure this has indexed file organization
                                    IF .IFAB[IFB$B_ORGCASE] EQL IFB$C_IDX
                                    THEN
                                        BEGIN
                                                   don't do anything if this is block i/o
                                         IF .IFAB[IFB$V_BIO]
                                              RETURN RMSSUC(OK_NOP);
                                                   have a duplicate SUMMARY XAB - error
                                         IF .FLAGS[XBC$C_OPNSUM3]
                                         THEN
                                              RETURN RMSERR(IMX)
                                        ELSE
                                              BEGIN
                                                             else set the flag
                                              FLAGS[XBC$C_OPNSUM3] = 1;
                                                             fill in the fields of the xab from the ifab
                                              XAB[XAB$B_NOA] = .IFAB[IFB$B_AMAX];
XAB[XAB$B_NOK] = .IFAB[IFB$B_NUM_KEYS];
XAB[XAB$W_PVN] = .IFAB[IFB$B_PLG_VER];
                                              END:
                                        END;
                                   RETURN RMSSUC(SUC):
                                   END:
                                                                                              .TITLE
                                                                                                        RM3XSUM0
\V04-000\
                                                                                              .EXTRN
                                                                                                        XBC$C_OPNSUM3
                                                                                              .PSECT
                                                                                                        RM$RMS3,NOWRT, GBL, PIC,2
                                                  02
                                                                         91 00000 RM$XSUM03::
                                                                                                                                                                   0212
                                                                                                        35(IFAB), #2
                                                                                              BNEQ
                                                                                                        #5, 34(IFAB), 1$
#32857, RO
                                                                                                                                                                   0218
0220
                                                                                              BBC
                                                           8059
                                                                                               MOVZWL
                                                                                                        #XBC$C_OPNSUM3, FLAGS, 2$ #34156, R0
                                                     0000000G
                                           08
```

RM3XSUMO V04-000	M 2 16-Sep-1984 02:12:58 VAX-11 Bliss-32 V4.0-742 Page 5 14-Sep-1984 13:01:46 DISK\$VMSMASTER:[RMS.SRC]RM3XSUMO.B32;1 (2)
00 08 08 0A	AE 00000000G 8F E2 00020 2\$: BBSS
; Routine Size: 61 bytes, Routine 8	ase: RM\$RMS3 + 0000
: 184 0247 1 : 185 0248 1 END : 186 0249 1 : 187 0250 0 ELUDOM	
: Name Bytes	PSECT SUMMARY Attributes
: RM\$RMS3	61 NOVEC, NOWRT, RD, EXE, NOSHR, GBL, REL, CON, PIC, ALIGN(2)
: Library	Statistics
File	Total Loaded Percent Mapped Time
_\$255\$DUA28:[RMS.OBJ]RMS.L32;1	3109 27 0 154 00:00.4
	COMMAND QUALIFIERS
	MIZE)/LIS=LIS\$:RM3XSUMO/OBJ=OBJ\$:RM3XSUMO MSRC\$:RM3XSUMO/UPDATE=(ENH\$:RM3XSUMO)
: Size: 61 code + 0 data bytes : Run Time: 00:03.0 : Elapsed Time: 00:09.0 : Lines/CPU Min: 5000 : Lexemes/CPU-Min: 13140 : Memory Used: 40 pages	

RM

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